



# **Baptist Hospital Northeast Community Health Needs Assessment & Strategic Implementation Plan**

Baptist Hospital Northeast  
Community Health Needs Assessment Committee

August 2012

Baptist Hospital Northeast  
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## Community Health Needs Assessment Committee

### Board Members

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## **Introduction**

This document is the Community Health Needs Assessment and Strategic Implementation Plan for Baptist Hospital Northeast (BHN) in LaGrange, Kentucky.

### ***Organization Description***

Baptist Hospital Northeast, a one hundred and twenty (120) bed acute care hospital and skilled nursing facility, is a wholly owned subsidiary of Baptist Healthcare System. BHN became part of the BHS system in 1992. Baptist Hospital Northeast can serve all of the primary healthcare needs of its service area. Ninety (90) beds are licensed as acute care and thirty (30) are licensed as skilled nursing beds. BHN has a 24-hour emergency department, inpatient and outpatient surgery, laboratory, pharmacy, imaging capabilities, including a fixed MRI, a sleep disorders lab, physical, speech, and occupational therapy. There are medical office buildings on campus attached to the hospital. In June 2010, BHN opened its first ambulatory care facility, Baptist Crestwood; this is a 12,500 square foot facility that has CT, digital mammography, radiology, bone density screening, physical therapy, and medical office space. It is located approximately 9 miles away on the Crestwood Bypass.

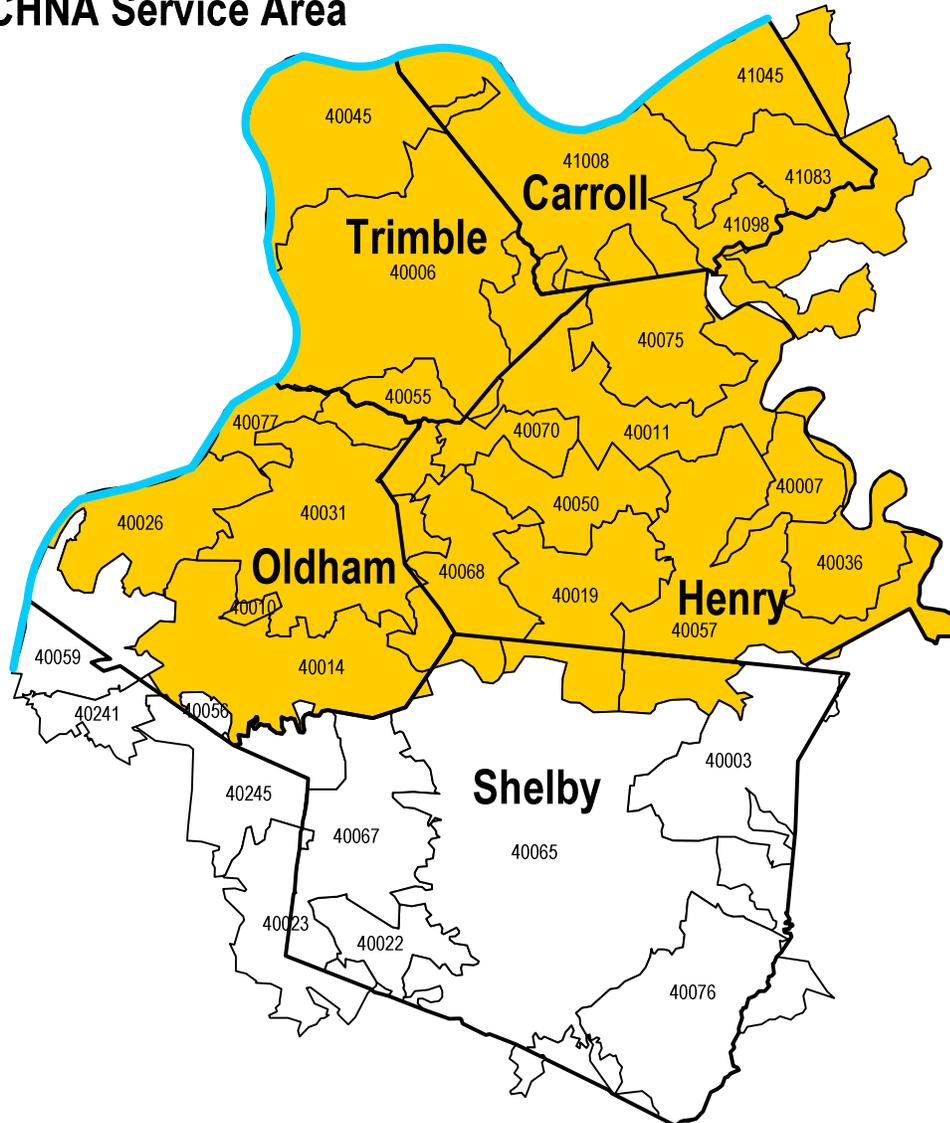
Baptist Physicians Lexington (a wholly-owned affiliate of BHS) manages an Express Care Clinic located in the Walmart in LaGrange that sits next to the hospital.

Baptist Healthcare System, Inc. ("BHS") and Baptist Healthcare Affiliates, Inc. ("BHA"), a wholly controlled affiliate of BHS, own and operate all five of the Baptist affiliated hospitals located in the Commonwealth of Kentucky. BHS and BHA own more than 1,600 licensed acute care hospital beds in Louisville, LaGrange, Lexington, Paducah and Corbin and manage the 300 bed Hardin Memorial Hospital in Elizabethtown, KY and the 105 bed Pattie A. Clay Regional Medical Center in Richmond, KY. In addition, Baptist Hospital Northeast is affiliated with Baptist Medical Associates (BMA) that employs over 110 primary care and specialty physicians, Baptist Community Health Services (BCHS) that operates occupational health, physical therapy services, sports medicine, and urgent care facilities, and Baptist Hospital East Home Health Agency (BHEHHA) that provides home health services in the Greater Louisville and Western Kentucky markets.

### ***Service Area***

BHN defines its service area for this Community Health Needs Assessment looking at where the majority of its inpatients reside. During CY2011, over ninety percent (90.3%) of BHN's inpatients came from Oldham, Henry, Trimble, and Carroll Counties (see zip code map on page 4). Oldham County is a shared service area between Baptist Hospital East and BHN.

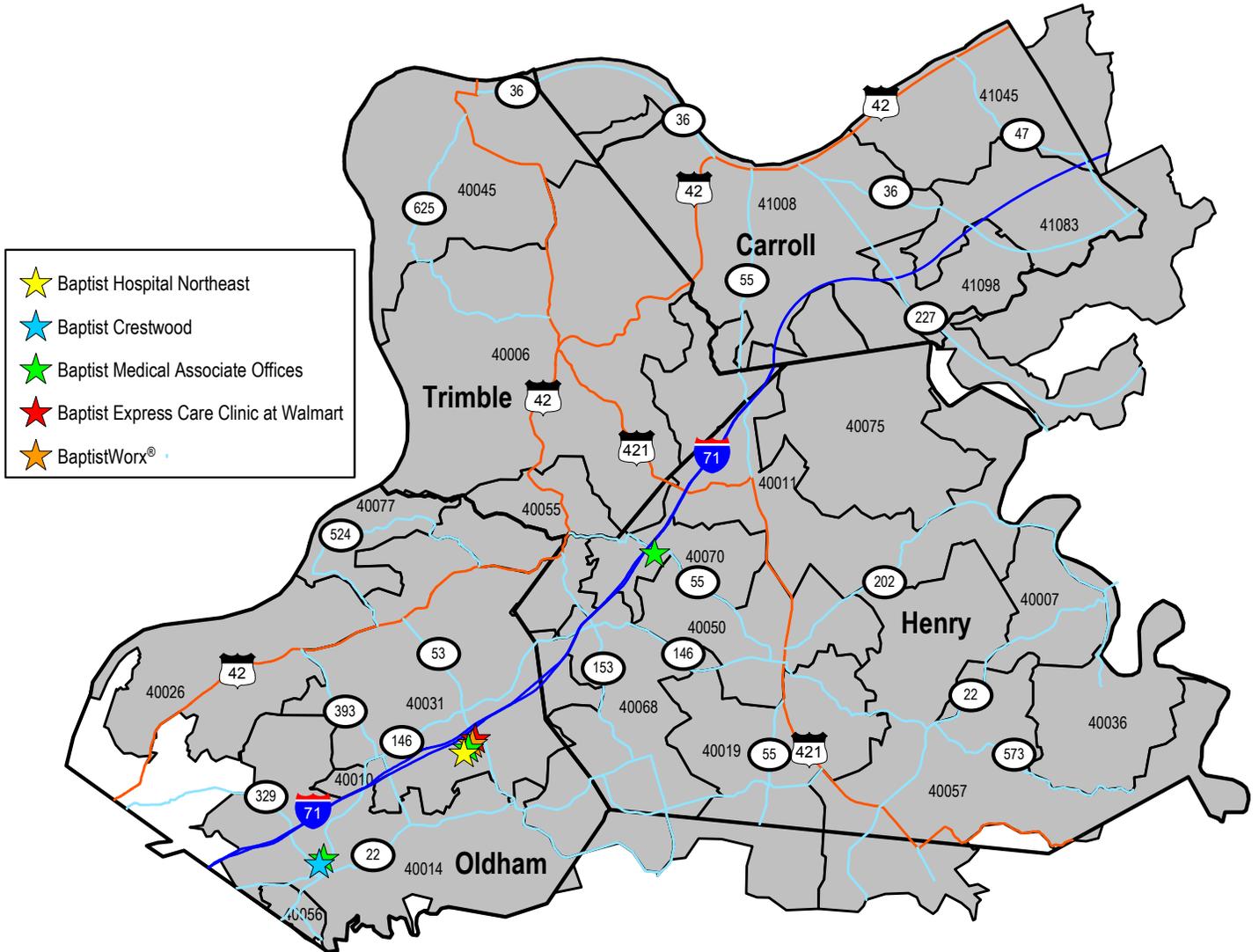
## Baptist Hospital Northeast's CHNA Service Area



County	Total Discharges	Baptist Hospital Northeast	Market Share	Reliance	Cumulative
Oldham, KY	4,938	1,457	29.5%	45.7%	45.7%
Henry, KY	2,300	750	32.6%	23.5%	69.2%
Carroll, KY	1,749	344	19.7%	10.8%	80.0%
Trimble, KY	937	329	35.1%	10.3%	90.3%
Other (52 other Counties)	587,869	310	0.1%	9.7%	100.0%
<b>Total</b>	<b>597,793</b>	<b>3,190</b>	<b>0.5%</b>	<b>100.0%</b>	

Source: KHA InfoSuite, CY 2011, Normal Newborn excluded

**Baptist Health Locations in BHN Service Area**



### *Mission, Vision, and Values*

#### **Mission**

The mission of Baptist Hospital Northeast is to exemplify our Christian heritage of providing quality healthcare services by enhancing the health of the people and communities we serve.

#### **Vision**

BHS – The vision of Baptist Healthcare System is to be nationally recognized as the healthcare leader in Kentucky.

BHN – The vision of Baptist Hospital Northeast is to be the hospital of choice for patients, employees and physicians.

#### **Values**

Baptist Hospital Northeast will live out its Christ-centered mission to others by achieving a culture of excellence through:

#### Values

- Quality
- Respect
- Service
- Stewardship

### *Purpose*

This Community Health Needs Assessment has been done for a variety of reasons, chief among them being:

- To help meet the hospital's mission of enhancing the health of the people and communities it serves.
- To comply with the Patient Protection and Affordable Care Act of 2010 and maintain the hospital's tax-exempt status.
- To establish community health needs for the hospital's service area to help prioritize resource allocation.
- To gather data that can be used in other efforts to obtain grants and qualify for awards and certifications.
- To determine what resources are available within BHN's service area and how the hospital can coordinate activities with other agencies.

- To involve appropriate individuals and groups in the process to ensure needs are identified, efforts are not duplicated, and the correct agencies to handle specific issues are identified in the strategic implementation plan.
- To create a sustainable process for conducting Community Health Needs Assessment that can be replicated and continued for future assessments.

## Executive Summary

The Patient Protection and Affordable Care Act of 2010 includes a provision that requires every tax-exempt, non-governmental hospital to:

- Conduct a Community Health Needs Assessment (CHNA) at least every three years
- Adopt a Strategic Implementation Plan (SIP) that identifies how the needs identified in the assessment will be met and by whom
- Report to the Internal Revenue Service via its 990 tax form how it is meeting its implementation plan

The CHNA must show how broad input from the community served by the hospital was collected and must be made widely available to the public.

This report details the process used to gather, disseminate, and prioritize the information used in the assessment. BHN worked closely with numerous institutions, agencies, and individuals representing public health, other hospitals, and community members.

## Framework

Early in the process, BHN and the other hospitals in the Baptist Healthcare System decided to use a strategic planning model as the framework by which this report would be constructed. It is similar to the method used for the hospital's strategic plan; data is gathered about the hospital and its community, areas of opportunity and need are identified, and strategies for meeting these needs are formulated. Because the focus of this report is more external, more time was spent examining factors in the community.

A wide variety of community resources were consulted during this process. It began with meetings between the BHS hospitals. During these meetings, an outline of the types of information to be collected and the order of their presentation was determined; this will allow greater consistency of reporting between the hospitals because all their CHNA reports will be aggregated at the corporate office to submit on a single IRS form 990 for the entire company.

BHN determined its service area for the project using the most recent patient origin data (CY 2011), including over 90% of its discharges in the zip codes chosen. Further information about this area is found in the section headed *Service Area*, on page 3.

Next, contacts were made with the Health Departments responsible for the counties in the service area. There are three health departments responsible for the counties BHN serves: the Oldham County Public Health Department; the North Central District Health Department, which serves both Henry and Trimble Counties; and the Three Rivers Health District, which serves Carroll County. In Oldham County, the Health Department was in the process of developing their Mobilizing for Action through Partnerships and Planning (MAPP) documents; BHN had representation on the steering committees and served on other subsidiary committees that gathered data. Henry and Trimble Counties have not yet begun their MAPP processes; they are part of the North Central Health District which has begun the MAPP process for Shelby County and will complete ones for their other counties when that is done. The Three Rivers Health District completed their MAPP for all four of their member counties (Carroll, Owen, Gallatin, and Pendleton) in 2011; they are beginning the process again to publish a new report in 2014. Through these contacts, the public meetings that were held, and public surveys conducted in Oldham and Carroll Counties, BHN solicited primary feedback on the health issues confronting its service area.

Throughout this time, secondary data from demographics and socioeconomic sources, Kentucky vital statistics, disease prevalence, and health indicators and statistics were collected. National, state, and local sources were used. This data will be shared in the next section.

Finally, the Community Health Needs Assessment Committee met to consider all the information. They discussed the data presented and created a list of the health issues that were identified in both primary and secondary data sources. After robust interaction, the committee prioritized the list and discussed various ways the hospital could help to meet these needs. This report was written and sent to all committee members for additional comments and suggestions. After these were incorporated, the final document was sent to the hospital and system Boards for approval.

## Profile of the Community

### Demographics and Socioeconomics

BHN serves zip codes in Oldham, Henry, Trimble, and Carroll Counties in Kentucky (see map on page 4). The following table shows the demographics and socioeconomic characteristics of BHN's CHNA primary service area for the most recent period available.

Demographics Expert 2.7										
2012 Demographic Snapshot										
Area: BHN CHNA Service Area Zips 8-2-12										
Level of Geography: ZIP Code										
DEMOGRAPHIC CHARACTERISTICS										
			Selected Area	USA			2012	2017	% Change	
2000 Total Population			77,193	281,421,906		Total Male Population	47,508	49,911	5.1%	
2012 Total Population			91,310	313,095,504		Total Female Population	43,802	46,317	5.7%	
2017 Total Population			96,228	325,256,835		Females, Child Bearing Age (15-44)	16,333	16,446	0.7%	
% Change 2012 - 2017			5.4%	3.9%						
Average Household Income			\$72,077	\$67,315						
POPULATION DISTRIBUTION										
Age Distribution						HOUSEHOLD INCOME DISTRIBUTION				
Age Group	2012		2017		USA 2012	2012 Household Income	Income Distribution		USA	
	Count	% of Total	Count	% of Total	% of Total		HH Count	% of Total	Count	% of Total
0-14	19,017	20.8%	18,497	19.2%	20.2%	<\$15K	3,526	11.1%	13.0%	
15-17	4,232	4.6%	4,333	4.5%	4.3%	\$15-25K	2,778	8.7%	10.8%	
18-24	7,054	7.7%	9,419	9.8%	9.7%	\$25-50K	7,460	23.5%	26.7%	
25-34	9,631	10.5%	9,554	9.9%	13.5%	\$50-75K	6,616	20.8%	19.5%	
35-54	30,268	33.1%	28,629	29.8%	28.1%	\$75-100K	4,612	14.5%	11.9%	
55-64	11,303	12.4%	13,037	13.5%	11.4%	Over \$100K	6,795	21.4%	18.2%	
65+	9,805	10.7%	12,759	13.3%	12.9%					
<b>Total</b>	<b>91,310</b>	<b>100.0%</b>	<b>96,228</b>	<b>100.0%</b>	<b>100.0%</b>	<b>Total</b>	<b>31,787</b>	<b>100.0%</b>	<b>100.0%</b>	
EDUCATION LEVEL										
Education Level Distribution						RACE/ETHNICITY				
2012 Adult Education Level	25+		% of Total		% of Total	Race/Ethnicity	Race/Ethnicity Distribution			
	Count	% of Total	Count	% of Total	% of Total		2012 Pop	% of Total	% of Total	
Less than High School			3,393	5.6%	6.3%	White Non-Hispanic	82,073	89.9%	62.8%	
Some High School			5,878	9.6%	8.6%	Black Non-Hispanic	3,069	3.4%	12.3%	
High School Degree			20,241	33.2%	28.7%	Hispanic	3,867	4.2%	17.0%	
Some College/Assoc. Degree			16,698	27.4%	28.5%	Asian & Pacific Is. Non-Hispanic	681	0.7%	5.0%	
Bachelor's Degree or Greater			14,797	24.3%	27.8%	All Others	1,620	1.8%	2.9%	
<b>Total</b>			<b>61,007</b>	<b>100.0%</b>	<b>100.0%</b>	<b>Total</b>	<b>91,310</b>	<b>100.0%</b>	<b>100.0%</b>	

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There are approximately 71,000 persons in the adult population (16+) with a labor force of 46,000. Residents are slightly wealthier and much more racially and ethnically homogenous than the US as a whole. Most are employed with lower than State average unemployment (see table on the following page).

<b>Labor Force Characteristics</b>									
<b>Area: BHN CHNA Service Area Zips 8-2-12</b>									
<b>2012 ZIP Code Report</b>									
<b>Ranked on 2012 Total Population 16+ (Desc)</b>									
ZIP Code	ZIP City Name	2012 Total Population 16+		Total Labor Force		Unemployed in Labor Force		Females in Labor Force	
		Count	%Down	Count	%Across	Count	%Across	Count	%Across
40031	La Grange	18,849	26.6%	10,276	54.5%	706	3.7%	4,780	63.8%
40014	Crestwood	15,198	21.4%	11,008	72.4%	465	3.1%	4,956	64.7%
41008	Carrollton	6,153	8.7%	3,951	64.2%	378	6.1%	1,808	58.4%
40026	Goshen	3,852	5.4%	2,939	76.3%	86	2.2%	1,387	71.1%
40006	Bedford	3,833	5.4%	2,289	59.7%	241	6.3%	989	50.7%
40019	Eminence	3,049	4.3%	2,067	67.8%	125	4.1%	991	62.8%
40057	Pleasureville	2,583	3.6%	1,632	63.2%	107	4.1%	766	60.1%
40045	Milton	2,555	3.6%	1,680	65.8%	116	4.5%	749	57.5%
40056	Pewee Valley	2,427	3.4%	1,832	75.5%	101	4.2%	860	68.4%
40011	Campbellsburg	1,934	2.7%	1,222	63.2%	57	2.9%	531	54.2%
40055	Pendleton	1,660	2.3%	1,059	63.8%	84	5.1%	471	56.7%
40068	Smithfield	1,589	2.2%	1,077	67.8%	61	3.8%	492	62.4%
40050	New Castle	1,365	1.9%	819	60.0%	51	3.7%	403	55.7%
41045	Ghent	1,010	1.4%	651	64.5%	123	12.2%	297	58.7%
41083	Sanders	1,006	1.4%	675	67.1%	110	10.9%	286	59.3%
40075	Turners Station	945	1.3%	613	64.9%	24	2.5%	250	54.6%
41098	Worthville	895	1.3%	606	67.7%	100	11.2%	264	60.3%
40077	Westport	556	0.8%	354	63.7%	25	4.5%	152	55.3%
40010	Buckner	541	0.8%	381	70.4%	12	2.2%	164	61.2%
40070	Sulphur	480	0.7%	298	62.1%	19	4.0%	137	57.3%
40036	Lockport	232	0.3%	144	62.1%	12	5.2%	66	58.4%
40007	Bethlehem	168	0.2%	105	62.5%	9	5.4%	50	58.8%
<b>Total</b>		<b>70,880</b>	<b>100.0%</b>	<b>45,678</b>	<b>64.4%</b>	<b>3,012</b>	<b>4.2%</b>	<b>20,849</b>	<b>61.8%</b>
Demographics Expert 2.7									
DEMO0103.SQP									
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Oldham County zip codes are above average in household income and home value. The remaining counties are all below average socioeconomically for household income and home value. The % Down column represents what proportion each zip code is of the whole.

Households by Socioeconomic Characteristics							
Area: BHN CHNA Service Area Zips 8-2-12							
2012 ZIP Code Report							
Ranked on 2012 Households (Desc)							
ZIP Code	ZIP City Name	County	2012 Total Households	%Down	2012 Median HH Income	Median Age of Total Population	Median Home Value
40010	Buckner	Oldham	223	0.7%	\$91,964	41.2	\$238,953
40026	Goshen	Oldham	1,768	5.6%	\$88,142	38.6	\$212,079
40014	Crestwood	Oldham	6,936	21.8%	\$78,597	39.1	\$231,443
40056	Pewee Valley	Oldham	1,166	3.7%	\$69,787	40.3	\$183,438
40077	Westport	Oldham	259	0.8%	\$60,643	43.1	\$203,571
40031	La Grange	Oldham	7,008	22.0%	\$60,056	38.7	\$180,198
40068	Smithfield	Henry	767	2.4%	\$54,453	40.8	\$140,094
40070	Sulphur	Henry	225	0.7%	\$53,750	41.4	\$137,500
40075	Turners Station	Henry	442	1.4%	\$52,619	41.3	\$108,333
40036	Lockport	Henry	124	0.4%	\$52,500	38.6	\$99,000
41045	Ghent	Carroll	501	1.6%	\$51,061	35.1	\$113,380
40055	Pendleton	Henry	793	2.5%	\$48,873	40.2	\$137,687
40007	Bethlehem	Henry	89	0.3%	\$48,125	39.2	\$106,250
40045	Milton	Trimble	1,284	4.0%	\$46,121	39.7	\$100,983
40057	Pleasureville	Henry	1,295	4.1%	\$44,590	39.0	\$105,478
40011	Campbellsburg	Henry	967	3.0%	\$43,973	38.8	\$106,081
41008	Carrollton	Carroll	2,927	9.2%	\$43,902	37.6	\$124,723
40006	Bedford	Trimble	1,853	5.8%	\$43,144	38.9	\$103,430
41083	Sanders	Carroll	493	1.6%	\$39,821	36.8	\$87,857
40050	New Castle	Henry	670	2.1%	\$37,571	42.4	\$113,514
40019	Eminence	Henry	1,546	4.9%	\$37,526	38.1	\$110,098
41098	Worthville	Carroll	451	1.4%	\$36,071	37.6	\$70,500
<b>Total</b>			<b>31,787</b>	<b>100.0%</b>	<b>\$59,103</b>	<b>38.9</b>	<b>\$167,164</b>
Demographics Expert 2.7							
DEMO0021.SQP							
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**Mortality**

The following table shows mortality rates by several leading causes of death in each county:

<b>Age Adjusted Death Rates</b>	<b>Oldham</b>	<b>Trimble</b>	<b>Henry</b>	<b>Carroll</b>	<b>KY</b>	<b>USA</b>
<b>Total</b>	<b>965.8</b>	<b>963.6</b>	<b>1019.9</b>	<b>1171.8</b>	<b>920.5</b>	<b>825.9</b>
Coronary Heart Disease	288.5	200.1	309.4	299.4	246.4	220.0
Cancer	209.7	257.6	204.9	255.2	214.5	188.7
COPD & Pneumonia	74.1	26.6	58.2	118.8	59.5	44.2
Accidents	36.5	39.8	57.3	95.9	53.7	39.7
Stroke	92.9	25.7	54.3	48.2	47.0	48.4
Diabetes	25.5	60.7	19.1	29.5	27.0	25.3
Suicide	13.7	11.5	35.2	9.0	12.9	11.9
Homicide	0.0	0.0	0.0	0.0	5.1	6.1
Motor Vehicle/100 M Miles	0.4	2.7	1.5	3.4	2.1	14.6
<b>All Other Causes</b>	<b>224.9</b>	<b>341.6</b>	<b>281.5</b>		<b>254.4</b>	<b>241.6</b>
	<b>Significantly Below KY Rate</b>					
	<b>Significantly Above KY Rate</b>					
<b>Source: KY Vital Statistics, KY State Data Center</b>						
<b>Motor vehicle rate is based on deaths per 100 million miles driven</b>						

These rates are age-adjusted and signify the number of persons who expired per 100,000 population. The numbers in green are significantly below the Kentucky rates while the numbers shown in red are significantly higher. These may indicate areas that are doing better (or worse) in the care of specific conditions. Thus, Henry County’s low death rate due to cancer may show that residents are seeking and receiving care quickly for cancer-related events or they may be doing a better job of caring for themselves, thus reducing the number of cancer-related events overall.

The most troubling areas seem to be in Carroll County, which has high death rates in multiple areas, in cancer rates in Trimble County, and in cardiovascular events in Oldham and Henry Counties. The entire area has higher overall death rates than Kentucky and the US as a whole.

***Cancer Incidence Rates***

Cancer Incidence rates are from the Kentucky Cancer Registry and cover a five-year span. Carroll County seems to be the outliers again since it has high rates in breast, female genitalia, and skin cancers. Oldham County has a higher than average incidence rate for prostate cancer. This is a cancer site that can be screened for the disease fairly easily, thus the higher rate may be a function of better detection. On the other hand, there may actually be higher numbers of people contracting cancer in this site due to poor health behaviors or environmental hazards.

Age Adjusted Cancer Incidence	Oldham	Trimble	Henry	Carroll	KY
<b>All Cancers</b>	544.99	543.07	532.40	519.47	523.07
Prostate	170.23	109.00	130.56	127.59	138.96
Lung	93.92	102.19	98.11	113.24	100.41
Breast	69.27	64.30	52.70	55.32	65.84
Female Genitalia	40.43	73.76	49.30	64.15	49.53
Skin	20.04	18.28	17.45	25.73	19.76
Pancreas	13.47	16.82	9.54	13.26	13.52
<b>All Other Causes</b>	137.63	158.72	174.74		135.05
	<b>Significantly Below KY Rate</b>				
	<b>Significantly Above KY Rate</b>				
Source: KY Cancer Registry, 2005-2009 Data					

***Health Statistics and Rankings***

BHN collected health statistics and outcome measures from a wide variety of sources. The most recent data came from the Robert Wood Johnson County Health rankings which were published in 2012. The tables on the following two pages show health outcomes, health behaviors, clinical care availability, socioeconomic factors, and physical environment risks for each county in BHN’s service area. The numbers highlighted in green are more favorable than the Kentucky average and the ones in red less favorable. The rankings are based on the one hundred-twenty (120) counties in Kentucky. Oldham County has almost the highest rankings in the Commonwealth, except in it’s physical environment rank which is the lowest in Kentucky. Access to primary care is an issue in all the counties. Carroll County has lower than average socioeconomic statistics.

	Oldham	Trimble	Henry	Carroll	Kentucky
<b>Health Outcomes</b>	<b>1</b>	<b>28</b>	<b>50</b>	<b>49</b>	
Mortality	1	21	85	56	
<a href="#">Premature death</a>	5,209	7,907	10,573	9,315	8,781
Morbidity	5	37	9	46	
<a href="#">Poor or fair health</a>	7%	20%	17%	23%	22%
<a href="#">Poor physical health days</a>	2.4	4.8	3.8	4.3	4.7
<a href="#">Poor mental health days</a>	3.9		2.9	5.9	4.3
<a href="#">Low birthweight</a>	8.20%	8.20%	8.40%	7.70%	9.00%
<b>Health Factors</b>	<b>2</b>	<b>52</b>	<b>54</b>	<b>95</b>	
Health Behaviors	2	49	56	71	
<a href="#">Adult smoking</a>	20%				27%
<a href="#">Adult obesity</a>	30%	34%	35%	32%	33%
<a href="#">Physical inactivity</a>	28%	35%	34%	35%	31%
<a href="#">Excessive drinking</a>	16%		2%		11%
<a href="#">Motor vehicle crash death rate</a>	12		31	40	22
<a href="#">Sexually transmitted infections</a>	104	155	140	273	311
<a href="#">Teen birth rate</a>	17	41	56	88	52
Clinical Care	3	45	41	71	
<a href="#">Uninsured</a>	10%	17%	17%	18%	17%
<a href="#">Primary care physicians</a>	1,283:1	2,257:1	1,770:1	2,659:1	922:1
<a href="#">Preventable hospital stays</a>	88	126	110	120	104
<a href="#">Diabetic screening</a>	86%	90%	85%	83%	82%
<a href="#">Mammography screening</a>	74%	63%	66%	56%	63%

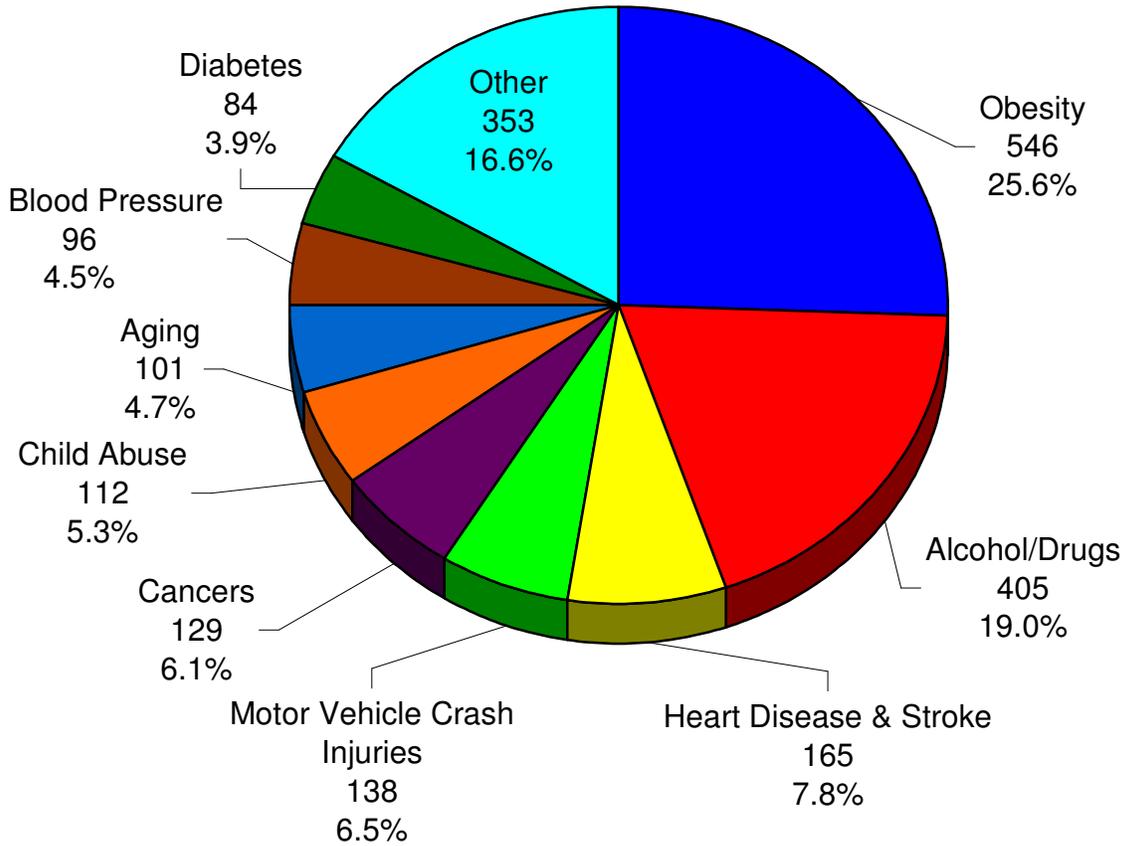
	Oldham	Trimble	Henry	Carroll	Kentucky
<b>Health Factors (cont.)</b>					
Social & Economic Factors	1	52	49	111	
<a href="#">High school graduation</a>	94%	67%	82%	72%	78%
<a href="#">Some college</a>	69%	45%	33%	34%	55%
<a href="#">Unemployment</a>	8.50%	12.90%	10.10%	13.70%	10.50%
<a href="#">Children in poverty</a>	9%	20%	25%	37%	26%
<a href="#">Inadequate social support</a>	8%				20%
<a href="#">Children in single-parent households</a>	18%	17%	37%	50%	32%
<a href="#">Violent crime rate</a>	81	25			288
Physical Environment	120	99	103	28	
<a href="#">Air pollution-particulate matter days</a>	6	0	0	0	2
<a href="#">Air pollution-ozone days</a>	10	0	0	0	2
<a href="#">Access to recreational facilities</a>	3	0	0	9	8
<a href="#">Limited access to healthy foods</a>	9%	33%	29%	0%	7%
<a href="#">Fast food restaurants</a>	59%	33%	50%	63%	54%
Source: Robert Wood Johnson County Health Rankings					
<a href="http://www.countyhealthrankings.org/">http://www.countyhealthrankings.org/</a>					

**Primary Data**

Public surveys were only done by two of the Health Departments. Henry and Trimble Counties will be beginning their MAPP processes next year, too late for inclusion in this report.

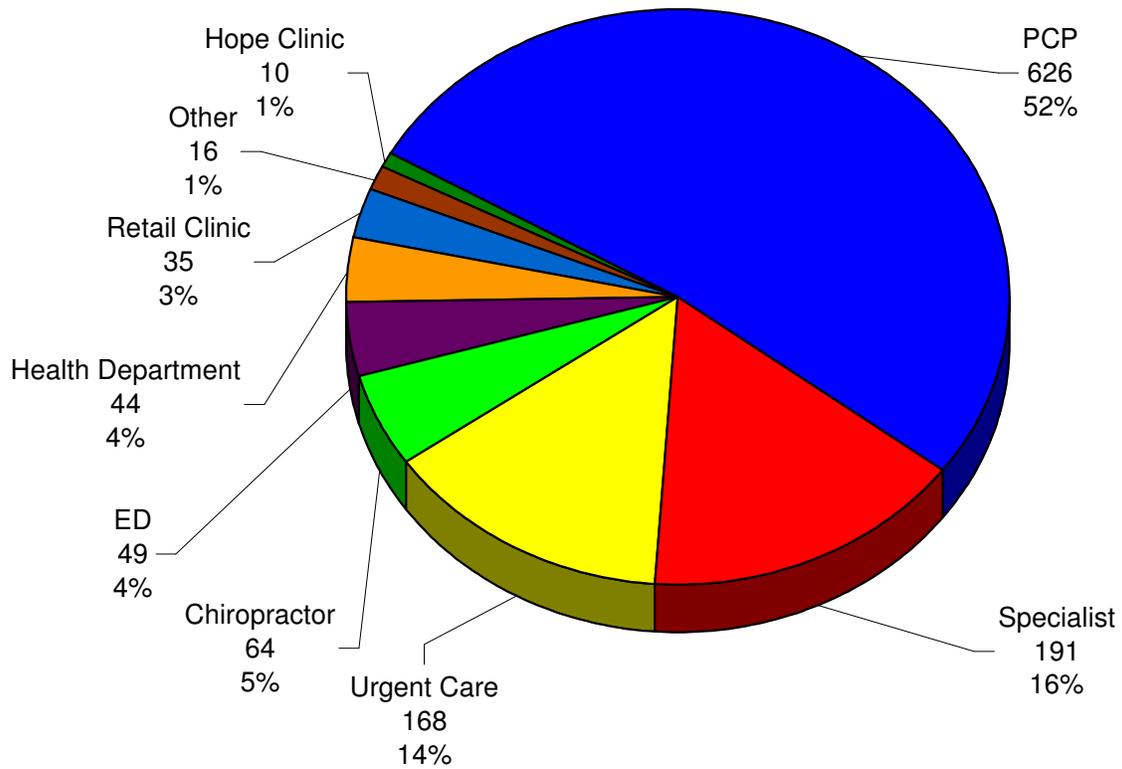
The Oldham County Health Department conducted a public survey to determine what the health concerns were in their county in April. A committee of the Oldham County MAPP including members from Baptist Hospital Northeast created the survey (see Appendix A for a copy of the survey). They handed out surveys at a variety of public locations and special events over a two-week period. They also publicized a Web address where Oldham County residents could complete the survey online. They had 738 responses, with just over 500 being paper-based and the rest coming from the online survey. The planning department at BHN ran crosstabs of the survey data against various demographic measures of the respondents. The only significant variation was by residents above age 65 who thought almost 50% of the time that aging issues were the top health concern vs. 4.7% in the entire survey population. The following charts reflect the responses for pertinent questions.

**What Are The Top Health Problems in Oldham County?**



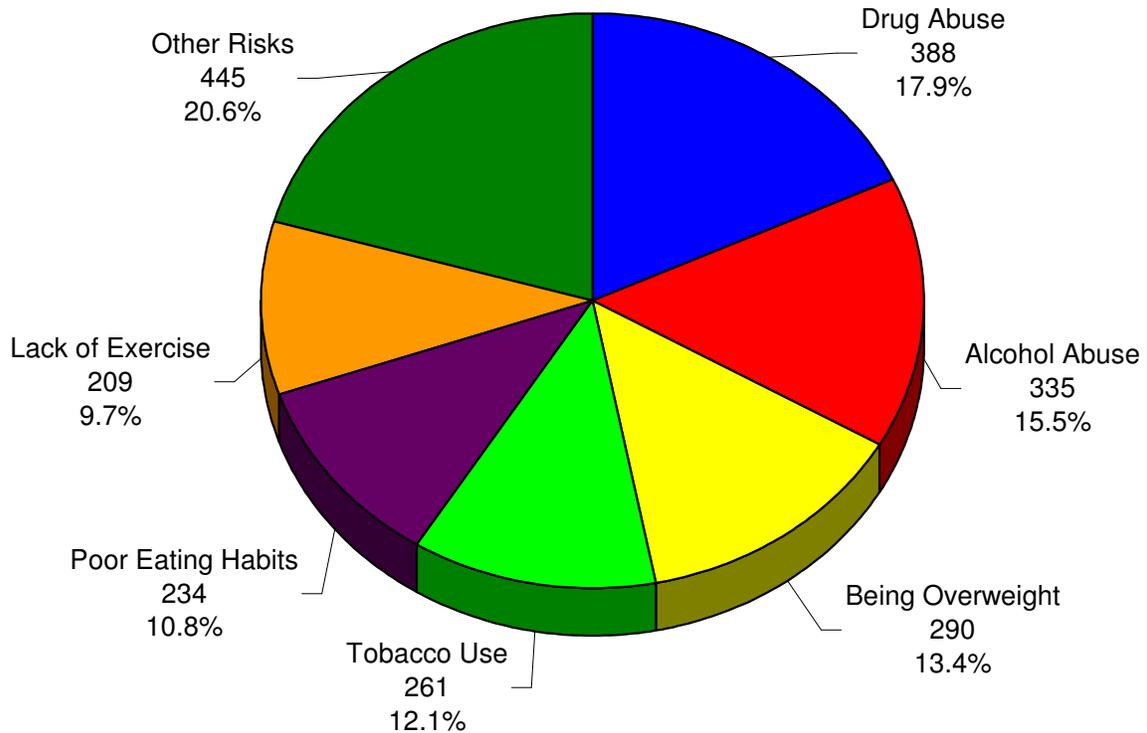
The OCPHD survey allowed ranking of responses. Respondents could give up to three choices for what the top health problems are. The pie chart above shows that obesity, alcohol and drugs, heart disease and stroke, motor vehicle crashes, and cancer are the leading health problems in Oldham County.

**Where Do Oldham County Residents Seek Care?**



Another question asked where Oldham County residents seek care. Most said they go to their primary care physician (although another question asked where they went for care and many responded they left the county for a wide variety of reasons including that certain specialties were not available in Oldham County).

**What Are The Top Risky Behaviors In Oldham County?**



The final OCPHD chart shows the most risky behaviors in Oldham County. This question also allowed up to three answers per questionnaire. The top six responses fell into two categories: substance abuse and nutrition/weight lifestyle issues.

The Three Rivers Health Department conducted public surveys as part of their MAPP process that was done in 2011 (a copy of the survey is in Appendix B). The top health concerns in Carroll County were cancer, alcohol/drug abuse, and heart disease/stroke. Their top risky behaviors were alcohol abuse, drug abuse, and tobacco use – all addictive behaviors.

***Community Health Care Resources***

There are a fairly limited number of healthcare resources in BHN’s service area and even those are not distributed evenly. The BHN Planning Department catalogued the various types and locations of these resources.

**Hospitals**

There are two hospitals in the service area, one an acute care facility and the other a Critical Access Hospital, with a total of 115 licensed acute care beds and 30 skilled nursing beds. The following table lists both the hospitals in the service area.

Hospital	Type	Licensed Beds	Location
Baptist Hospital Northeast	Acute & Long-term Care	120	LaGrange, Kentucky
Carroll County Memorial Hospital	Critical Access	25	Carrollton, Kentucky

Source: Kentucky Office of the Inspector General, Hospital Directory, as of 7/2/12

Carroll County Memorial Hospital is a critical access hospital. This is a special hospital designation from the Centers for Medicare and Medicaid that acknowledges the need to have hospitals in rural communities that can serve basic needs and stabilize patients for transfers to tertiary facilities for more extensive care. In February 2012, the hospital affiliated with Norton Healthcare System. Management acknowledged they did so to better position CCMH to be able to manage the inevitable but unknown changes that are rapidly coming to the health care industry under health care reform, including the need for rural health care organizations to align themselves with tertiary partners. According to their Web site, the hospital employs more than 250 health care professionals, serves 14,000 people annually through outpatient services, 3,000 through inpatient services, 12,000 through its emergency department, and 27,000 through its physician services.

**Other Licensed Facilities**

According to the Kentucky Office of the Inspector General, there are 14 licensed facilities other than hospitals in Oldham County (3 dialysis centers, 3 rehab agencies, 2 primary care clinics, 1 developmentally disabled group home, 1 diagnostic imaging center, 1 adult day health, 1 mobile health service, and 1 special health clinic). There is 1 licensed facility in Henry County, 1 in Trimble County, and 3 in Carroll County, including a Rural Health Clinic.

The Hope Health Clinic is an indigent care clinic located on BHN’s campus that is run by a coalition of local ministers. It was nearly closed a year ago, but local groups including the hospital came together to revitalize it. It cares for indigent patients, including undocumented aliens living in the area, for Oldham, Henry, Trimble, and Carroll Counties. The Hope Health Clinic was a recent recipient of a social innovation grant (which includes

a federal portion) for \$100,000 for two to three years for purpose of addressing both access and specific health outcomes. A representative from BHN serves as project director for the grant and the Oldham County Health Department serves as fiscal intermediary.

### **Health Departments**

As stated earlier in this document, there are three separate Health Departments located in BHN's CHNA service area: the Oldham County Health Department; the North Central District Health Department which serves Shelby, Spencer, Henry, and Trimble Counties; and the Three Rivers Health Department, which serves Carroll, Owen, Gallatin, and Pendleton Counties. The Health Departments seem to be doing an excellent job of handling public health issues, such as immunizations, monitoring environmental health issues, and providing education.

The Oldham County Health Department mission is to protect, and promote a healthy community through education, enforcement and empowerment. In order to accomplish this, they control communicable disease, encourage healthy lifestyles, provide preventative screenings and reduce hazards in the environment. Their clinic provides adult health vaccinations, cancer screening, a cardiovascular disease program, a dental program, diabetes care, family planning services, a new parent visitation program called HANDS, immunizations, nutrition counseling, prenatal care, smoking cessation, sexually transmitted disease prevention, teen pregnancy and sexual disease counseling, tuberculosis screening, well child exams, and administers the Women/Infant/Children (WIC) nutrition program for the county.

The North Central District Health Department and the Three Rivers Health Department provide similar services, although Three Rivers acknowledged they do not provide prenatal care themselves, instead sending those patient to Tri-County OB/GYN, a practice with an office at BHN.

**Physicians**

In July 2012, BHN conducted a physician manpower analysis that counted the number of physicians by specialty in its service area as defined by Stark II regulations, which is slightly different than the CHNA service area. Despite more employment by BMA and active recruitment by BHN, by using three different physician-to-population ratios, it was determined that there were physician shortages in virtually every specialty:

**Physician Need Summary by Model – BHN's Service Area**

Specialty	GMENA		
	C	Medstat	Managed Care
Internal Medicine	6.6	5.7	12.4
Pediatrics	5.4	6.2	9.8
General Surgery	4.9	0.8	1.9
OB/GYN	4.0	1.2	5.3
Family/General Medicine	3.5	5.0	7.8
Otorhinolaryngology (ENT)	2.4	1.7	1.8
Orthopedics	2.3	2.4	1.0
Urology	2.2	1.3	1.5
Gastroenterology	1.4	2.2	0.9
Dermatology	1.3	1.1	1.3
Cardiology	1.1	1.8	(0.1)
Plastic Surgery	1.1	1.1	0.0
Neurology	1.0	1.3	0.8
Rheumatology	0.6	0.0	0.5
Pulmonary Medicine	0.4	0.5	(0.1)
Hematology/Oncology	0.4	0.3	0.5

A parenthesis indicates a surplus in that category.

Trimble County has only two licensed primary care physicians and is considered a Health Professional Shortage Area (HPSA) for primary care. Henry County is also a HPSA for primary care even though there are 5.7 FTEs of primary care physicians. BMA has an employed physician who shares an office with an independent family medicine physician in Campbellsburg.

## **Committee Discussion**

During the Community Health Needs Assessment Committee meeting, members expressed their thoughts about several health concerns in the area and where BHN should concentrate its resources over the next three years. The committee included Board members, physicians, senior hospital leadership, and some department directors.

After studying the primary and secondary data, the committee began discussing the issues. The committee members reviewed services BHN already provides that are detailed in the annual Community Benefit Report (see Appendix D for the FY 2011 BHN report). They asked if the implementation plan would supplement or replace the Community Benefit activities previously done by the hospital. The intent of the Community Health Needs Assessment and Strategic Implementation Plan does not seem to be to change anything the hospital already does; instead, it is to ensure that the activities being offered help meet the identified needs of the community served.

The committee talked about improving unhealthy and risky behaviors to promote healthier lifestyles. The Chamber of Commerce in Oldham County already has a committee working on this issue.

## **Prioritized Health Issues**

The committee then turned to identifying and prioritizing the health issues in the service area. The following list was developed, in decreasing order of priority:

1. Heart Disease & Stroke
2. Obesity & Poor Food Choices
3. Access to Care
4. Substance Abuse & Mental Health
5. Cancer Services
6. Diabetes
7. Hypertension

Committee members noted that several of these issues are related and efforts to combat one would result in improvements in one or more others.

Heart disease and stroke as well as hypertension are related conditions. These disease states are all major causes of death, result in numerous hospitalizations, emergency department trips, physician visits, and readmissions, and can be controlled and sometimes prevented with early intervention and patient management. Heart disease and stroke were identified in both the Oldham County and Three Rivers public health surveys as a key health concern. Hypertension can be controlled by medication, if patients remain

compliant with their physician's instructions. Unfortunately, it often goes undiagnosed until other health issues that it exacerbates arise.

The committee recognized that obesity is an epidemic in Kentucky and in the BHN CHNA service area. Obesity-related conditions include heart disease, stroke, type 2 diabetes, hypertension, osteoarthritis, sleep apnea and respiratory problems, and certain types of cancer (including pancreatic, kidney, prostate, endometrial, breast, and colon). Over 30% of the adult population in the BHN CHNA service area is considered obese and an additional 32% are considered overweight. Despite a *Healthy People 2010* goal to reduce obesity to 15% of the adult population, no state has met that goal and instead there are 12 states that exceed 30%, including Kentucky.

Access to care included all potential barriers to receiving necessary healthcare services. There are financial issues, lack of knowledge, transportation difficulties, physician shortages, service distribution, and scheduling issues (e.g., when physician office hours conflict with work schedules). Baptist Hospital Northeast has the potential to affect all these areas. BHN will need to increase use of physician extenders, investigate opening facilities in underserved areas, and continue bringing more physicians and specialties to the service area.

Substance abuse includes smoking, alcohol abuse, and drug abuse. Smoking has been known for years to cause a wide variety of diseases and death. The CDC ranks Kentucky as having the worst smoking-attributable adult mortality and the highest percentage of 12-17 year-old smokers in the entire US. Among adults aged 35+ years, over 7,800 die as a result of tobacco use per year. This represents a smoking-attributable mortality rate of 370.6/100,000. Kentucky Medicaid does not cover smoking cessation counseling programs or medicines and Kentucky only spends 6% of what the CDC recommends on a tobacco control program. On the other hand, quitting smoking reduces the risk for a heart attack after just 1 year; stroke risk can fall to about the same as a nonsmoker's after 2-5 years; risks for cancer of the mouth, throat, esophagus, and bladder are cut in half after 5 years; and the risk for dying of lung cancer drops by half after 10 years. Although tobacco use has been declining across all demographics, it is still a major health issue, especially in Kentucky, a leading tobacco-producing state. Alcohol and drug abuse were identified in both surveys as key health concerns and in the risky behaviors that lead to health issues. Dr. Rutherford, an independent physician located on BHN's campus, is just finishing a fellowship in addiction medicine and has a strong desire to combat this growing problem in the service area. Seven Counties Services has offices in all the counties except Carroll County and provides a full range of psychiatric and psychological services for all ages, focusing on problems which respond well to short-term treatment, such as depression, grief, phobias, stress, divorce and parenting, family therapy, child and adolescent counseling and chemical dependency education and intervention.

Cancer services have been identified as a key area by the hospital and were identified in both public surveys, too. Cancer is the second leading cause of death. Although in recent times, the shortage of oncologists has been reduced, it still exists and there are fewer cancer services such as chemotherapy available in the service area; patients must travel out of the area to metropolitan markets to receive these treatments.

Diabetes is a disease on the rise. This disease state contributes to increased mortality and morbidities that result in death, numerous hospitalizations, emergency department trips, physician visits, and readmissions. It can be controlled by monitoring, medication, and eating habits. It can sometimes be prevented or even reversed by improved diet and more exercise. The CDC shows that over 10.5% of all adults in the BHN service area have been diagnosed as having diabetes.

## Strategic Implementation Plan

Baptist Hospital Northeast Strategic Implementation Plan August 2012				
Identified Health Needs	Strategies	Action Items	Actor	Measures *
1. Heart Disease & Stroke	Provide education to improve heart health	Publish monthly e-publication, Your Health Heart	BHN Community Relations	
	Provide immediate care for individuals in the community who have stroke symptoms	Work to become a certified stroke center	BHN Planning, Nursing, Administration	
	Provide inpatient and outpatient cardiac-related services	Educate the public on stroke symptoms and what they need to do to minimize brain damage Ensure that high quality medical and surgical cardiac services are available to our patients	BHN Community Relations BMA & BHN Administration	
2. Obesity & Poor Food Choices	Provide services and education to reduce obesity	Investigate expanding and consolidating cardiology services Provide healthy recipes on the hospital's Web site	BMA & BHN Administration BHN Community Relations	
		Publish weekly e-publications: On Fitness and Exercise, Healthy Helpings (Recipes), and Healthy Kids, Happy Kids	BHN Community Relations	
		Offer individualized medical nutrition therapy and diabetes self-management training	BHN Food Services	
3. Access to Care	Provide information about physicians and services in the community	Operate a telephone referral line to help the public find physicians and community resources	BHN Community Relations	
	Reduce the cost of obtaining healthcare services	Follow the BHS Charity Care policy	BHN Patient Accounting, Financial Counselors	
		Support the Hope Health Clinic	BHN Administration, Volunteers from employees & medical staff	
		Assist individuals who qualify to apply for Medicaid	BHN Financial Counselors	

3. Access to Care (cont.)	Improve the availability of physicians and healthcare facilities in the service area	Recruit and employ physicians to alleviate shortages in key specialties and geographies Increase the number of physician extenders employed by BMA Review schedules of operation of outpatient and physician offices to provide access outside of normal business hours Offer alternatives (such as extended physician office hours, urgent care facilities, and Express Care Clinics in Walgreens) to emergency department visits for urgent and routine patient needs Research feasibility of locating healthcare services in underserved areas	BMA & BHN Administration BMA BHN & BMA BHN, BMA, BCHS, BPL BHN Planning
	Provide educational opportunities and wellness activities to better inform the public of the benefits of healthier lifestyles	Continue employee speaking engagements, health fairs, and community educational programs Provide patient education at discharge and in physician offices on the importance of compliance with medication usage Promote wellness programs	BHN Community Relations BMA BHN Community Relations
4. Substance Abuse & Mental Health	These health issues are best dealt with by other agencies, such as the local health departments, Seven Counties Services, and individual physicians		
5. Cancer	Ensure sufficient resources are available to care for oncology patients Provide education and screening services to diagnose cancer early and to assist those with cancer lead higher	Investigate expanding and consolidating oncology services Provide free screening events for certain types of cancer Publish monthly e-publication, Be Cancer Free	BHN Administration BHN Community Relations BHN Community Relations
6. Diabetes	Help improve the quality of life for persons with diabetes	Publish monthly e-publication, Diabetes Management Notebook Offer Living Well with Diabetes support group	BHN Community Relations BHN Community Relations BHN Education

7. Hypertension	Make persons aware of pre-hypertension and hypertension so they can better care for themselves	Provide blood pressure screenings at all health fairs Have BMA primary care physicians counsel patients about high blood pressure, its ramifications on their health, and the necessity to follow physician orders	BHN Community Relations BMA Physicians & Extenders
* Measures will be established early in FY 2013 in conjunction with the affected areas		Baptist Hospital Northeast understands that it alone cannot affect each of these issues in a significant way. Moving the needle on any of these health concerns will take a coordinated and intensive effort by multiple parties. Working with the local health departments and other hospitals in the service area will have to continue to adequately meet the healthcare needs of the population. Additionally, the people who live and work in the service area must be partners in their own health before lasting change can take place.	

## **Communications Plan**

The IRS guidelines for Community Health Needs Assessment call for making the results of the process widely available. To meet this requirement, BHN will publish this document on its Web site and make hard copies available to the public upon request. These results will be incorporated into Baptist Healthcare System's annual IRS tax form 990 submission.

## **Conclusions**

Baptist Hospital Northeast will continue to use this Community Health Needs Assessment and Strategic Implementation Plan to allocate resources to improve the health of its service area. This is in keeping with its mission and is in its best interest because improving population health will reduce healthcare costs.

One major outcome of this process is that BHN is working more closely with local government agencies to determine what the health needs of the community are and how the groups can work together to improve them. Representatives of Baptist Hospital Northeast are working directly with the Oldham County Public Health Department, the North Central District Health Department, and the Three Rivers Health Department to help them assess their respective counties' health status and to coordinate with other health entities (such as hospitals) to determine the best allocation of scarce resources.



## Appendix A – Oldham County’s Public Survey

### Oldham County Community Health Survey

Your opinion is important! If you are a resident of Oldham County and at least 18 years old, please take a few short minutes to complete this 20 question survey. Enter your phone number at the end of the survey for a chance to win one of several prizes, including a Kindle, Family of 4 Summer Pool Pass to the John Black Aquatic Center, an individual 3 month pass to the Oldham County YMCA, and many more.

The purpose of this survey is to get your opinions about community health issues in Oldham County. The Coalition for a Healthy Oldham County will use the results of this survey and other information to identify the most pressing problems which can be addressed through community action. Remember... your opinion is important! Thank you and if you have any questions, please contact us (see contact information on back).

1. In the following list, what do you think are **the three most important factors for a “Healthy Oldham County?”** (Those factors which most improve the quality of life in a community.)

**Check up to three (label: 1, 2, 3):**

<input type="checkbox"/> Good place to raise children	<input type="checkbox"/> Excellent race/ethnic relations
<input type="checkbox"/> Low crime / safe neighborhoods	<input type="checkbox"/> Good jobs and healthy economy
<input type="checkbox"/> Low level of child abuse	<input type="checkbox"/> Strong family life
<input type="checkbox"/> Good schools	<input type="checkbox"/> Healthy behaviors and lifestyles
<input type="checkbox"/> Access to health care (e.g., family doctor)	<input type="checkbox"/> Low adult death and disease rates
<input type="checkbox"/> Parks and recreation	<input type="checkbox"/> Low infant deaths
<input type="checkbox"/> Clean environment	<input type="checkbox"/> Religious or spiritual values
<input type="checkbox"/> Affordable housing	<input type="checkbox"/> Emergency preparedness
<input type="checkbox"/> Arts and cultural events	<input type="checkbox"/> Other _____

2. In the following list, what do you think are **the three most important “health problems”** in Oldham County? (Those problems which have the greatest impact on overall community health.)

**Check up to three (label: 1, 2, 3):**

<input type="checkbox"/> Aging problems (e.g., arthritis, hearing/vision loss, etc.)	<input type="checkbox"/> Heart disease and stroke	<input type="checkbox"/> Obesity
<input type="checkbox"/> Alcohol/Drugs	<input type="checkbox"/> High blood pressure	<input type="checkbox"/> Poor Diet
<input type="checkbox"/> Cancers	<input type="checkbox"/> HIV / AIDS	<input type="checkbox"/> Rape / sexual assault
<input type="checkbox"/> Child abuse / neglect	<input type="checkbox"/> Homicide	<input type="checkbox"/> Respiratory / lung disease
<input type="checkbox"/> Dental problems	<input type="checkbox"/> Infant Death	<input type="checkbox"/> Sexually Transmitted Diseases (STDs)
<input type="checkbox"/> Diabetes	<input type="checkbox"/> Infectious Diseases (e.g., hepatitis, TB, etc.)	<input type="checkbox"/> Suicide
<input type="checkbox"/> Domestic Violence	<input type="checkbox"/> Mental health problems	<input type="checkbox"/> Teenage pregnancy
<input type="checkbox"/> Firearm-related injuries	<input type="checkbox"/> Motor vehicle crash injuries	<input type="checkbox"/> Terrorist activities
		<input type="checkbox"/> Other _____

3. In the following list, what do you think are **the three most important “risky behaviors”** in Oldham County? (Those behaviors which have the greatest impact on overall community health.)

**Check up to three (label: 1, 2, 3):**

<input type="checkbox"/> Alcohol abuse	<input type="checkbox"/> Racism
<input type="checkbox"/> Being overweight	<input type="checkbox"/> Tobacco use
<input type="checkbox"/> Dropping out of school	<input type="checkbox"/> Not using birth control
<input type="checkbox"/> Drug abuse	<input type="checkbox"/> Not using seat belts / child safety seats
<input type="checkbox"/> Lack of exercise	<input type="checkbox"/> Unsafe sex
<input type="checkbox"/> Lack of maternity care	<input type="checkbox"/> Unsecured firearms
<input type="checkbox"/> Poor eating habits	<input type="checkbox"/> Other _____
<input type="checkbox"/> Not getting “shots” to prevent disease	

4. In the following list, what do you think are **the three most serious “safety problems”** in Oldham County?

**Check up to three (label: 1, 2, 3):**

<input type="checkbox"/> Unsafe Driving	<input type="checkbox"/> Manufacturing of methamphetamines
<input type="checkbox"/> Alcohol and Drug Use	<input type="checkbox"/> Growing Marijuana
<input type="checkbox"/> Racism and intolerance	<input type="checkbox"/> School Violence (including bullying)
<input type="checkbox"/> Not using seat belts and safety seats, helmets	<input type="checkbox"/> Child abuse and neglect
<input type="checkbox"/> Unsafe/unprotected sex	<input type="checkbox"/> Domestic violence
<input type="checkbox"/> Unsafe roads/sidewalk conditions	<input type="checkbox"/> Gang-related activity
<input type="checkbox"/> Access to firearms by children	<input type="checkbox"/> Other _____

5. How would you rate the overall health of Oldham County?

Very unhealthy     Unhealthy     Somewhat healthy     Healthy     Very healthy

6. How would you rate your own personal health?

Very unhealthy     Unhealthy     Somewhat healthy     Healthy     Very healthy

7. Where do you seek health care most often?

**Check up to two (label: 1, 2):**

<input type="checkbox"/> Primary Care Provider	<input type="checkbox"/> Chiropractor
<input type="checkbox"/> Specialist	<input type="checkbox"/> Hope Health Clinic
<input type="checkbox"/> Urgent Care	<input type="checkbox"/> Oldham County Health Department
<input type="checkbox"/> Drug/Grocery Store Clinic	<input type="checkbox"/> Other _____
<input type="checkbox"/> Emergency Room	

8. If you seek health care **outside** of Oldham County, circle one answer that best matches why:

- a. My doctor of choice is in another city.
- b. No providers for services I need.
- c. My insurance only covers doctors in another area.
- d. No appropriate doctors accept Medicare/Medicaid.
- e. Convenience
- f. Other \_\_\_\_\_

9. How do you pay for your health care? (check all that apply)

- No insurance
- Health insurance (e.g., private insurance, Humana, Anthem, etc.)
- Medicaid (Passport)
- Medicare or Medicare Advantage
- Veterans' Administration
- Don't go to a Doctor because I can't pay
- Other \_\_\_\_\_

10. When was your last preventative health exam?

- In the last year
- In the last 2-5 years
- Over 5 years ago

11. When was your last dental checkup?

- In the last year
- In the last 2-5 years
- Over 5 years ago

12. Approximately how many hours per month do you volunteer your time to community service? (e.g., schools, voluntary organizations, churches, hospitals, etc.)

None       1 – 5 hours       6 – 10 hours       Over 10 hours

Please answer questions #13-20 so we can see how different types of people feel about local health issues.

13. Zip code where you live: \_\_\_\_\_

14. Age:       18 - 25  
                  26 - 39  
                  40 - 54  
                  55 - 64  
                  65 or over

15. Sex:  Male  Female

16. Ethnic group you most identify with:  
 African American / Black  
 Asian / Pacific Islander  
 Hispanic / Latino  
 Native American  
 White / Caucasian  
 Other \_\_\_\_\_

17. Marital Status:  
 Married  
 Not married

18. Education

Less than high school  
 High school diploma or GED  
 College degree or higher  
 Other \_\_\_\_\_

19. Household income

Less than \$20,000  
 \$20,000 to \$39,999  
 \$40,000 to \$59,999  
 \$60,000 to \$79,999  
 Over \$80,000

20. Where / how you got this survey: (check one)

Church  
 Community Meeting  
 Grocery Store / Shopping Mall  
 Survey Monkey  
 Newspaper  
 Bank  
 Doctor's office  
 Library  
 Personal Contact  
 Workplace  
 Other \_\_\_\_\_

Please write your phone number here for a chance to win several different prizes:

\_\_\_\_\_

Please return completed surveys to the address below or go online to complete at:

[https://www.surveymonkey.com/s/Oldham\\_County\\_Community\\_Health\\_Survey\\_2012](https://www.surveymonkey.com/s/Oldham_County_Community_Health_Survey_2012) by April 5, 2012. If you would like more information about this community project, please contact us at the number below:

Anna Young-Hobbs  
Oldham County Health Department  
1786 Commerce Parkway  
LaGrange, KY 40031  
502-222-3516 x 154

Thank you very much for your response!

**Appendix B – Three Rivers Public Survey**

**APPENDIX  
 COMMUNITY SURVEY**

**COUNTY HEALTH AND SAFETY PARTNERSHIP**  
 County of Residence \_\_\_\_\_

Please take a minute to complete the survey below. The purpose of this survey is to get your opinion about community health and safety issues in \_\_\_\_\_ County. The \_\_\_\_\_ County Health and Safety Partnership will use the results of this survey and other information to identify the most pressing problems which can be addressed through community action. If you have previously completed a survey, pass this on to someone who has not. Remember...your opinion is important! Thank you, and if you have questions, please contact us. (See contact information on last page.)

1. In the following list, what do you think are **the 3 most important things needed for a healthy \_\_\_\_\_ County?**

(Those things which most improve the quality of life in a community.) **Check only 3:**

- |   |  |
|---|--|
| <input type="checkbox"/> Good place to raise children               | <input type="checkbox"/> Excellent race relations          |
| <input type="checkbox"/> Low crime/safe neighborhoods               | <input type="checkbox"/> Good jobs and healthy economy     |
| <input type="checkbox"/> Low level of child abuse                   | <input type="checkbox"/> Strong family life                |
| <input type="checkbox"/> Good schools                               | <input type="checkbox"/> Healthy behaviors and lifestyles  |
| <input type="checkbox"/> Access to health care (e.g. family doctor) | <input type="checkbox"/> Low adult death and disease rates |
| <input type="checkbox"/> Parks and recreation                       | <input type="checkbox"/> Low infant deaths                 |
| <input type="checkbox"/> Clean environment                          | <input type="checkbox"/> Religious or spiritual values     |
| <input type="checkbox"/> Affordable housing                         | <input type="checkbox"/> Quality child care                |
| <input type="checkbox"/> Arts and cultural events                   | <input type="checkbox"/> Other _____                       |

In the following list, what do you think are **the 3 greatest health problems in \_\_\_\_\_ County?**

(Those problems which have the greatest impact on overall community health.) **Check only 3:**

- |   |  |
|---|--|
| <input type="checkbox"/> Aging Problems (e.g. arthritis, injuries, hearing/vision loss, etc.) | <input type="checkbox"/> Dental Problems                                 |
| <input type="checkbox"/> Cancers  | <input type="checkbox"/> Infectious Diseases (e.g., Hepatitis, TB, etc.) |
| <input type="checkbox"/> Respiratory/Lung Disease   | <input type="checkbox"/> Mental Health Problems                          |
| <input type="checkbox"/> Sexually Transmitted Diseases (STDs)                                 | <input type="checkbox"/> Motor Vehicle Crash                             |
| <input type="checkbox"/> Diabetes   | <input type="checkbox"/> Rape/Sexual Assault                             |
| <input type="checkbox"/> Domestic Violence  | <input type="checkbox"/> Homicide  |
| <input type="checkbox"/> Firearm-Related Injuries   | <input type="checkbox"/> Infant Death                                    |
| <input type="checkbox"/> Heart Disease and Stroke   | <input type="checkbox"/> Suicide   |
| <input type="checkbox"/> High Blood Pressure  | <input type="checkbox"/> Teenage Pregnancy                               |
| <input type="checkbox"/> HIV/AIDS   | <input type="checkbox"/> Alcohol/Drug Abuse                              |
| <input type="checkbox"/> Child Abuse/Neglect  | <input type="checkbox"/> Other _____                                     |

2. In the following list, what do you think are **the 3 most risky behaviors in \_\_\_\_\_ County?**

(Those behaviors which have the greatest impact on overall community health.) **Check only 3:**

- |   |   |  |
|---|---|--|
| <input type="checkbox"/> Alcohol abuse          | <input type="checkbox"/> Lack of exercise                       | <input type="checkbox"/> Tobacco Use                             |
| <input type="checkbox"/> Being overweight       | <input type="checkbox"/> Poor eating habits                     | <input type="checkbox"/> Not using birth control                 |
| <input type="checkbox"/> Dropping out of school | <input type="checkbox"/> Not getting "shots" to prevent disease | <input type="checkbox"/> Not using seat belts/child safety seats |
| <input type="checkbox"/> Drug abuse             | <input type="checkbox"/> Racism                                 | <input type="checkbox"/> Unsafe Sex                              |
| <input type="checkbox"/> Other _____            |   |  |

3. How would you rate \_\_\_\_\_ County as a "Healthy County?"  
 Very unhealthy     Unhealthy     Somewhat healthy     Healthy     Very healthy
4. How would you rate \_\_\_\_\_ County as a "Safe County?"  
 Very unsafe     Unsafe     Somewhat safe     Safe     Very safe
5. How would you rate your own personal health?  
 Very unhealthy     Unhealthy     Somewhat healthy     Healthy     Very healthy
6. How would you rate your own personal safety?  
 Very unsafe     Unsafe     Somewhat safe     Safe     Very safe

Please answer question #8 – 16 so we can insure that we get opinion from a diverse group of citizens in \_\_\_\_\_ County in regard to health issues.

- |  |  |
|--|--|
| <p>8. Age: <input type="checkbox"/> 25 or less<br/> <input type="checkbox"/> 26 – 39<br/> <input type="checkbox"/> 40 – 54<br/> <input type="checkbox"/> 55 – 64<br/> <input type="checkbox"/> 65 or over</p>  | <p>11. Household Income: <input type="checkbox"/> Less than \$20,000<br/> <input type="checkbox"/> \$20,000 to 29,999<br/> <input type="checkbox"/> \$30,000 to 49,999<br/> <input type="checkbox"/> Over \$50,000</p>         |
| <p>9. Sex: <input type="checkbox"/> Male    <input type="checkbox"/> Female</p>  | <p>12. Education: <input type="checkbox"/> Less than high school<br/> <input type="checkbox"/> High school diploma or GED<br/> <input type="checkbox"/> College degree or higher<br/> <input type="checkbox"/> Other _____</p> |
| <p>10. Marital Status: <input type="checkbox"/> Married / Living Together<br/> <input type="checkbox"/> Not Married / Single</p>   |  |
| <p>10. How do you pay for your health care?<br/>         (Check all that apply.)<br/> <input type="checkbox"/> Pay cash (no insurance)<br/> <input type="checkbox"/> Health insurance<br/> <input type="checkbox"/> Medicaid<br/> <input type="checkbox"/> Medicare<br/> <input type="checkbox"/> Veterans' Administration<br/> <input type="checkbox"/> Other _____</p> | <p>14. Additional comments: _____<br/>         _____<br/>         _____<br/>         _____<br/>         _____<br/>         _____</p>   |

Please return the completed survey to the address below by December 31st. Additionally, if you would like more information about this community project, please contact us at the number below.

\_\_\_\_\_ COUNTY HEALTH AND SAFETY PARTNERSHIP  
 THREE RIVERS DISTRICT HEALTH DEPARTMENT  
 (Address specific to each county)  
 Other places to leave survey and enter drawing for \$100:  
 (Specific to each county)

**THANK YOU VERY MUCH FOR YOUR RESPONSE!**

## Appendix C – Data Sources

### *Health Departments*

Oldham County Public Health Department

<http://oldhamcountyhealthdepartment.org/>

North Central District Health Department (Shelby and Spencer Counties)

<http://www.ncdhd.com/>

Three Rivers District Health Department

<http://www.trdhd.com/>

Kentucky Department of Public Health

<http://chfs.ky.gov/dph/>

### *National Sources*

Robert Wood Johnson Foundation County Health Ranking and Roadmap

<http://www.countyhealthrankings.org>

Centers for Disease Control and Prevention

<http://www.cdc.gov/>

Rural Assistance Center

<http://www.raonline.org/states/kentucky.php>

U.S. Department of Health and Human Services – *Healthy People 2020*

<http://healthypeople.gov/2020/>

U.S. Department of Health and Human Services – Community Health Status Indicators

<http://www.communityhealth.hhs.gov/homepage.aspx>

*State Sources*

CEDIK – Community & Economic Development Initiative of Kentucky  
<http://www2.ca.uky.edu/CEDIK/CountyDataProfiles>

Foundation for a Healthy Kentucky's Kentucky Health Facts  
<http://www.kentuckyhealthfacts.org/>

Kentucky Department of Public Health's Center for Performance Management  
<http://chfs.ky.gov/dph/CenterforPerformanceManagement.htm>

Kentucky Public Health Association  
<http://www.kpha-ky.org/>

Kentucky Hospital Association  
<http://www.kyha.com/>

Kentucky Office of the Inspector General  
<http://chfs.ky.gov/os/oig/>

Kentucky State Data Center  
<http://ksdc.louisville.edu/>

Seven Counties Services, Inc.  
<http://www.sevencounties.org/>

## Appendix D – 2011 BHN Community Benefits Report



### Community Benefits Report Fiscal Year 2011 Highlights

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#### Summary:

Baptist Hospital Northeast provided more than \$4,225,061.97 in community benefits during Fiscal Year 2011:

Provider tax	<b>\$839,274.34</b>
Charity Care (inclusive of Net Medicaid Charity)	<b>\$3,306,817.00</b>
Estimated value of hospital space for community education support groups and outside organizations	<b>\$13,225.00</b>
In-Kind donations	<b>\$11,533.13</b>
Cash donations	<b><u>\$54,212.50</u></b>

**Total:** **\$4,225,061.97**

BHN held 58 health fairs with over 6,700 people participating, hosted over 130 students from 16 academic institutions, raised over \$30,000 from employees participating in community events, and had employees work almost 1,500 hours to community agencies.